



# MASTER VALUE LEDs pot LV

## MAS LEDspotLV VLE D 8-50W 830 MR16 24D

Philips MASTER VALUE MR16 is the series of Low Voltage (12VAC) Halogen MR16 replacements. Not only does it employ Philips' patented solution to guarantee the broadest possible compatibility with standard 12V Halogen electronic transformers. It also delivers beam intensity which is equivalent to the 50W Philips Halogen MR16 lamps. The form-factor of Philips MASTER Value LED MR16 guarantees a 100% form on the back-side of the lamp (exact form with Halogen lamps.)

### Warnings and Safety

- Operating temperature range is between -20° C and 45° C ambient
- Only to apply in dry or damp locations and most of open fixtures with lamp-holders that offer sufficient space (10 mm free air space)
- Not intended for use with emergency light fixtures or exit lights

### Product data

General Information	
Cap-Base	GU5.3 [GU5.3]
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	24 degree(s)
Luminous Flux	621 lm
Luminous Intensity (Nom)	2,900 cd
Color Designation	White (WH)

Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	77.63 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux in 90° Cone (Rated)	621 lm

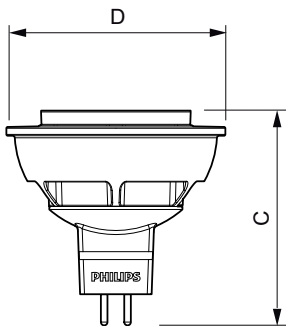
Operating and Electrical	
Power Consumption	8 W
Lamp Current (Nom)	1,000 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.7

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Voltage (Nom)	12 V
<b>Temperature</b>	
T-Case Maximum (Nom)	75 °C
<b>Controls and Dimming</b>	
Dimmable	Yes
<b>Mechanical and Housing</b>	
Bulb Shape	MR16 [2inch/50mm]
<b>Approval and Application</b>	
Energy Saving Product	Yes
Suitable For Accent Lighting	Yes

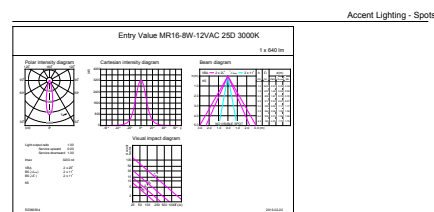
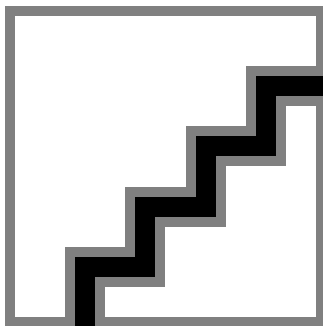
Energy Consumption kWh/1000 h	9 kWh
<b>Product Data</b>	
Order product name	MAS LEDspotLV VLE D 8-50W 830 MR16 24D
Full product name	MAS LEDspotLV VLE D 8-50W 830 MR16 24D
Full product code	871869657205400
Order code	929001241302
Material Nr. (12NC)	929001241302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696572054
Numerator - Packs per outer box	10
EAN/UPC - Case	8718696572061

## Dimensional drawing



Product	D	C
MAS LEDspotLV VLE D 8-50W 830 MR16 24D	50 mm	50 mm

## Photometric data



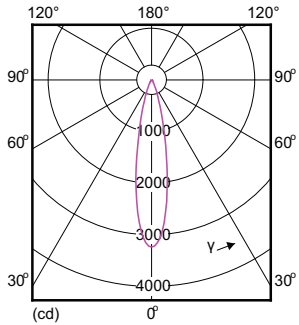
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Spectral Power Distribution Colour - MAS LEDspotLV VLE D 8-50W 830 MR16 24D

General uniform lighting - MAS LEDspotLV VLE D 8-50W 830 MR16 24D

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## Photometric data



Light Distribution Diagram - MAS LEDspotLV VLE D 8-50W 830 MR16 24D

